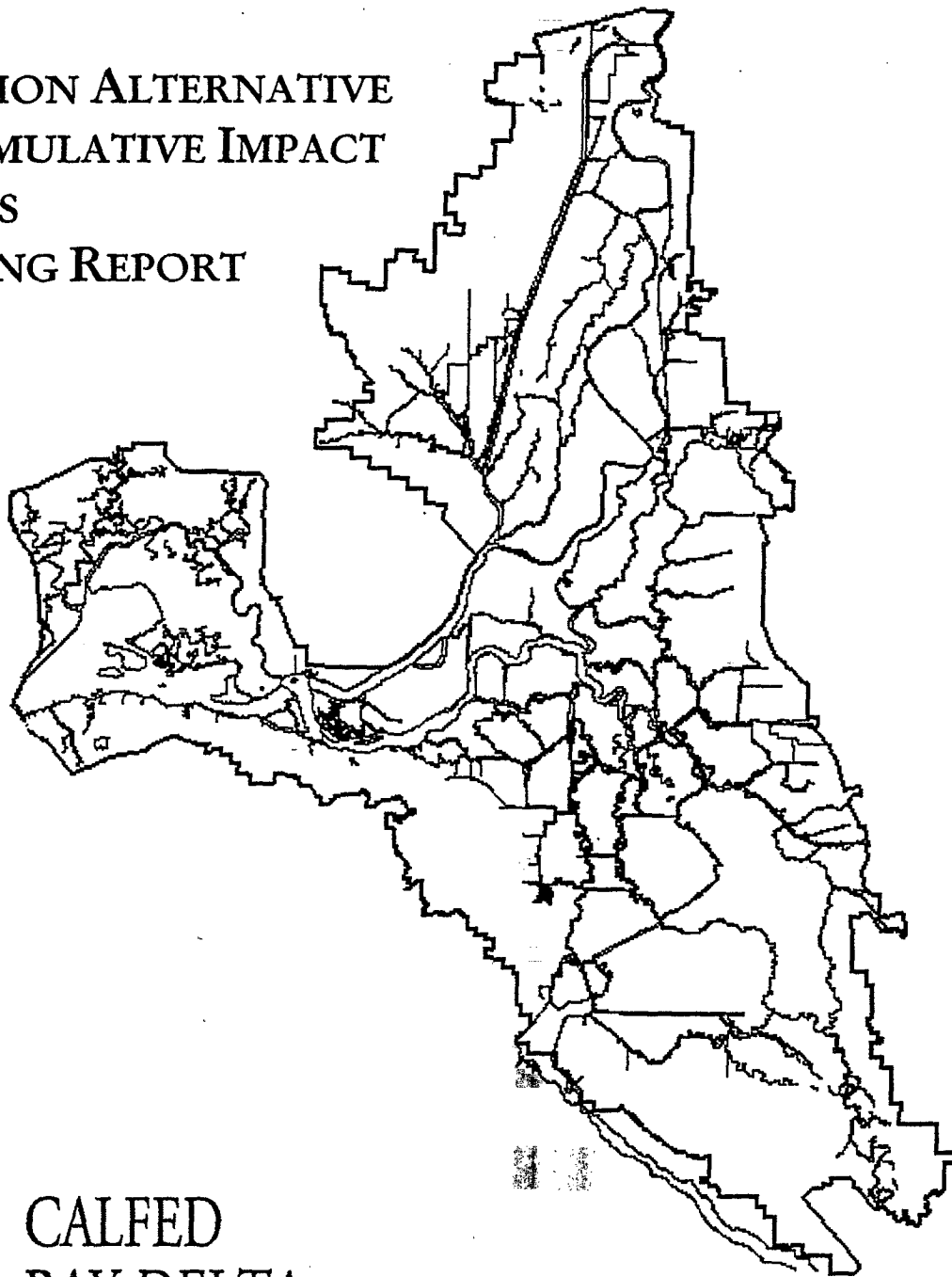


ADDENDUM

CALFED BAY-DELTA PROGRAM

NO-ACTION ALTERNATIVE AND CUMULATIVE IMPACT ANALYSIS SCREENING REPORT



CALFED
BAY-DELTA
PROGRAM

DECEMBER 31, 1996

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ADDENDUM TO THE NO-ACTION ALTERNATIVE AND CUMULATIVE IMPACT ANALYSIS SCREENING REPORT

INTRODUCTION

This addendum to the September 18, 1996 draft No-Action Alternative and Cumulative Impact Analysis Screening Report (draft report) has been prepared to respond to comments received on the draft report and to correct information contained in the draft report. This addendum provides the following information:

- a restatement of the process used by CALFED Bay-Delta Program (CALFED) to screen projects for inclusion in the No-Action Alternative and cumulative impact analysis,
- a summary of written comments received on the draft report and CALFED's responses to those comments, and
- an errata section correcting information contained in the draft report.

Because of the limited number of changes required to the draft report, CALFED has decided not to republish the entire report. The draft report, together with this addendum, constitute the final No-Action Alternative and Cumulative Impact Analysis Screening Report.

SUMMARY OF CALFED APPROACH

To develop the No-Action Alternative and cumulative impact analysis, CALFED needed to determine what actions being proposed by other agencies and parties were appropriate to include in these analyses. CALFED recognizes that there are several actions in various stages of approval that need to be addressed. Therefore, CALFED prepared materials for a workshop held on July 11, 1996 to provide information to the public and stakeholders regarding actions CALFED initially believed should be in the No-Action Alternative and cumulative impact analysis. Proposed project screening criteria were presented and CALFED suggested their use in determining whether projects and actions by other agencies and parties should be included in the No-Action Alternative and the cumulative impact analysis or excluded from the CALFED process because they were too undefined or speculative. Approximately 50 members of the public and stakeholder representatives attended the workshop. Comments, both written and oral, were received at the meeting; CALFED recorded all oral comments.

Using this input and based on further research, CALFED published a draft report on September 18, 1996 that described all of the projects being considered for inclusion in the No-Action Alternative and cumulative impact analysis and provided the final criteria for screening these

projects. Tables 2 and 3 in the draft report provide the results of the project screening process. The draft report was circulated for comments. The comments on the report and the responses to those comments are provided in the following section.

SUMMARY OF COMMENTS RECEIVED ON THE DRAFT REPORT

This section provides a summary of comments received on the draft report. Only those comments that are specific to the draft report and that suggest some change to it are summarized. Where minor changes are necessary to correct information in the draft report, they are described in the "Errata" section.

EAST BAY MUNICIPAL UTILITY DISTRICT

COMMENT

Several corrections were suggested on the status of the Pardee Reservoir Enlargement project.

RESPONSE. These corrections are incorporated by this addendum. (See "Errata" section.)

COMMENT

Minor corrections were suggested regarding the description of the Updated Water Supply Management Program.

RESPONSE. These corrections are incorporated by this addendum. (See "Errata" section.)

COMMENT

Minor corrections were offered regarding the status of the Folsom South Canal Connection Project.

RESPONSE. These corrections are incorporated by this addendum. (See "Errata" section.)

TEHAMA-COLUSA CANAL AUTHORITY

COMMENT

The draft report states that "a research pumping facility was installed in 1993 and 1994 to evaluate potential means of pumping water while using existing drum screens". The research facility does not use the existing drum screens. Instead, it uses the existing bypass channel while dumping water into the canal downstream of the drum screens.

RESPONSE. This correction is incorporated in the report by this addendum. (See "Errata" section.)

CONTRA COSTA WATER DISTRICT

COMMENT

The district does not agree that the Interim South Delta Program (ISDP) should be included in the cumulative impact analysis for the following reasons: (1) no mitigation has been identified for the significant water quality impact of ISDP on other users of Delta water, and (2) ISDP will most likely either be made redundant by the CALFED solution or will need to be significantly redesigned to complement the CALFED solution.

RESPONSE. CALFED recognizes that ISDP could have effects on other Delta water users and that the CALFED solution may require changes in ISDP to be completely consistent with the CALFED alternative which is finally selected. However, ISDP passes the initial screening criteria developed by CALFED and will therefore be incorporated into the cumulative impact analysis. The issues raised by the district will be assessed as part of that analysis.

COMMENT

Table 2, which was attached to your September 27, 1996 transmittal letter, lists the historical period and period of analysis for resource categories for the CALFED Bay-Delta Program EIR/EIS. This table also needs to include water quality as a resource category.

RESPONSE. Water quality has been added to Table 2. (See Appendix A and "Errata" section.)

WILL B. BETCHART, P.E.

COMMENT

CALFED is proposing to extend its analysis to examine 2020 conditions. Given the extended time period over which the program will be implemented, a longer period of analysis should be considered to accurately portray the impacts and benefits of the program.

RESPONSE. CALFED recognizes that the program will be implemented over an extended period and that the solutions will have impacts and benefits over that time period. However, for purposes of analysis under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA), CALFED believes that 2020 is an appropriate timeframe in which to discuss program impacts and benefits. Conducting analysis beyond the 2020 timeframe would be highly speculative; however, the Programmatic EIR/EIS will discuss the longer term effects of the program. We would expect that conditions beyond 2020 will be examined as specific actions are analyzed in subsequent environmental documents.

STOCKTON EAST WATER DISTRICT (NEUMILLER & BEARDSLEE)

COMMENT

CALFED has not yet explained assumptions regarding implementation of the 1995 Water Quality Control Plan (WR 95-1). Decision 95-6 should not be included in existing conditions because it is only temporary, it is merely a contractual agreement, it is subject to litigation, and it does not provide information on how the water will be provided.

RESPONSE. CALFED recognizes the uncertainty regarding implementation of the 1995 Water Quality Control Plan. As described in the Final Report on Existing Conditions and the No-Action Alternative, CALFED proposes to use the 1995 Water Quality Control Plan in its analysis of existing conditions. CALFED also recognizes that, under current water rights, certain of the standards cannot be met in all years. CALFED proposes to include this factor in its analysis. Under the No-Action Alternative, CALFED proposes to assume that the standard will be met, even though it will not assign specific responsibility for meeting this standard to any party or parties. CALFED believes that this approach is valid and will help incorporate the implications of implementing the 1995 Water Quality Control Plan into the overall analysis.

COMMENT

Stockton East Water District (SEWD) opposes inclusion of the long-term biological opinions in existing conditions because the opinions were not developed appropriately and were used to

justify the Bay-Delta Accord. The opinions do not in any way provide scientific information on what is needed for the fishery resources in the San Joaquin River.

RESPONSE. The biological opinions are currently in place and the State and federal governments are operating the Central Valley Project (CVP) and State Water Project (SWP) to meet their requirements. Therefore, CALFED believes that it is appropriate to include the biological opinions in the existing conditions analysis.

COMMENT

SEWD and the Central San Joaquin Water Conservation District have contractual rights from New Melones Reservoir totaling 155,000 acre-feet per year. Because of implementation of Section 3406(b)(2) of the Central Valley Project Improvement Act (CVPIA) and use of flows from New Melones Reservoir to meet the voluntary commitment made by the U.S. Bureau of Reclamation in the Bay-Delta Accord, the districts have been receiving only a fraction of their contractual rights (approximately 25% in 1996, the highest year).

CALFED should therefore consider analyzing two sets of existing conditions for the unique situation posed by the Stanislaus River; one using existing contractual deliveries and one using full contractual deliveries.

RESPONSE. CALFED recognizes the issues raised by SEWD; however, as existing conditions are intended to reflect the existing situation as accurately as feasible, CALFED believes that the actual quantity of water received by the districts is the appropriate level of water use to include in existing conditions.

COMMENT

CALFED proposes to include dedication of up to 800,000 acre-feet per year of CVPIA water for fish and wildlife enhancement pursuant to CVPIA Section 3406(b)(2); however, there is no discussion of how this water will be allocated. Prior to completion of the Long-Term Water Management Plan being conducted by the U.S. Department of the Interior, any determination of existing conditions based on allocation of the 800,000 acre-feet must be acknowledged to be speculative. This comment applies equally to the No-Action Alternative.

RESPONSE. CALFED is aware of the uncertainty surrounding this issue. As noted in the Final Report on Assumptions for Existing Conditions and the No-Action Alternative, CALFED will use available information to describe the proposed allocation of the 800,000 acre-feet. As additional information becomes available, CALFED will incorporate it to the extent feasible.

COMMENT

Area-of-origin water needs must be reflected in the environmental analysis.

RESPONSE. During the Phase II analysis, we will analyze the impacts of the alternatives on water rights, including riparian, appropriative, area-of-origin, etc.

COMMENT

It should be noted that there are errors in Table 5 in the criteria for the Federal Project/CVPIA. The answers to Criteria 3, 4, and 5 should be "no".

RESPONSE. The correct responses to screening Criteria 3, 4, and 5 for CVPIA were reflected in the draft report.

COMMENT

SEWD objects to the characterization of the Farmington Dam Project as "speculative".

RESPONSE. Comment noted.

COMMENT

The biological opinions should not be included as part of the No-Action Alternative.

RESPONSE. CALFED believes that the biological opinions are appropriate to include as part of the No-Action Alternative. There is insufficient information to determine what flow requirements would be in place without the opinions. CALFED is not determining that the biological opinions will be in place in the future but, rather, is proposing to assume the continued existence of the opinions in conducting the environmental analyses.

COMMENT

CALFED should consider expanded use of area-of-origin water rights as an existing condition. Many districts have made claims on the United States, California Department of Water Resources, and State Water Resources Control Board for area-of-origin and watershed protection rights. These claims must be analyzed and factored into existing conditions.

RESPONSE. CALFED proposes to use existing water rights for existing conditions.

COMMENT

Two local projects proposed by SEWD should be evaluated under the cumulative action analysis because we believe they satisfy the criteria for analysis. The Farmington Dam Project is a water storage project proposed on Littlejohns Creek and is currently the subject of a reconnaissance study undertaken by the U.S. Army Corps of Engineers. SEWD has made a water right application to support the project. The existing flood control dam would be raised to allow storage of water from Rock, Hood, and Littlejohns Creeks as well as wet-year water from the Stanislaus River. In addition, SEWD is pursuing the South Gulch Project, which would store wet-year water from both the Calaveras and Stanislaus Rivers. Both projects have been included in the Least Cost Yield Increase Plan prepared by the U.S. Bureau of Reclamation pursuant to CVPIA.

RESPONSE. CALFED recognizes that these projects are being actively pursued by SEWD; however, CALFED believes that they do not currently meet the cumulative impact analysis screening criteria. As new information is developed or significant progress is made on these projects, they may be included later.

NORTHERN CALIFORNIA POWER AGENCY

COMMENT

Our primary concern is the exclusion of most of the federal CVPIA objectives and actions. Moreover, inclusion of the CVPIA objectives/actions in each of the alternatives creates several future complications as the Bay-Delta planning and implementation proceeds. CVPIA actions are clearly no-action items in complying with the basic definition of the No-Action Alternative. The actions will be implemented regardless of the CALFED Bay-Delta Program, given the mandate of Congress. The requirements that final environmental documentation **and permitting** be complete is much too constraining, given the mandate of Congress. Although CVPIA actions are not yet clearly delineated, the goals and general nature of the actions certainly are.

RESPONSE. CALFED recognizes that numerous CVPIA actions are "congressionally mandated"; however, most of these actions have not been defined to the level that would allow them to be meaningfully included in the No-Action Alternative. In addition, several of the actions are at a site-specific scale and, as such, would not be identifiable at the level of analysis being considered for the CALFED Programmatic EIR/EIS. To the extent that additional definition is provided for the actions, they will be incorporated into the CALFED No-Action Alternative.

ERRATA

This section provides corrections to the draft report based on comments received and on additional review by CALFED. Only major corrections that affect the determinations made in the draft report are provided.

TRINITY RIVER FLOW STUDY

CALFED received comments that the Trinity River Flow Study EIS should have been included in the project screening process. CALFED is aware of the Trinity River Flow Study and its potential implications for the CALFED No-Action Alternative, cumulative impact analysis, and alternatives analysis. CALFED made a decision to treat the flow study as a flow requirement issue (part of the assumptions for existing conditions and the No-Action Alternative) rather than a project because of the nature of the action. To address the potential, but as yet unknown, changes in flows in the Trinity River, CALFED has decided to conduct sensitivity analyses as part of the alternative analysis to determine the potential effects of Trinity River flow changes on the No-Action Alternative as well as the action alternatives. A description sheet for the Trinity River Flow Study similar to the descriptions contained in the appendices of the draft report is provided in Appendix B.

SPRING CREEK TOXICITY PROGRAM

CALFED received several corrections to the description for this program. A revised description sheet is provided in Appendix B. (Note: now included in No-Action Alternative.)

CENTRAL VALLEY PROJECT IMPROVEMENT ACT

A description sheet for CVPIA actions was inadvertently omitted from the draft report. A description sheet is provided in Appendix B.

TABLES 2 AND 3 FROM THE DRAFT REPORT

Several corrections are noted on these tables and are underlined. These corrections do not alter the outcome of the screening process, but the revised tables are included in Appendix B. Revisions to projects previously described in the draft report are also included in Appendix B.

TEXT CHANGES

The following section denotes specific changes to the draft report based on comments received from interested parties. Deletions are shown as strikeouts; additions are underlined.

PAGE B-36, "PARDEE RESERVOIR ENLARGEMENT PROJECT"

The text under "Project Description" is changed as follows:

Project Description: Elements of the project include increasing the height and width of the main dam, modifying or relocating the powerhouse, ... ~~The height of Pardee Dam would be raised by 57 ft., thereby increasing the capacity of the reservoir by 150,000 acre-feet.~~ East Bay Municipal Utility District (EBMUD) has begun preparing an EIR and preliminary engineering studies for the Pardee Reservoir Enlargement Project (PREP). Reservoir size has not been determined. Studies are underway to determine the reservoir capacity and the location and size of reservoir facilities.

The description under "Project Schedule" is changed as follows:

Project Schedule: ~~Development of a Memorandum of Agreement with the Federal Energy Regulatory Commission - Summer 1996~~
~~Draft EIR/EIS scheduled to be released - mid-1998~~
~~Federal Energy Regulatory Commission application filing - Spring 1999~~
Initiation of environmental studies - Fall 1996
Initiation of preliminary engineering - Fall 1996
Sizing study complete - Spring 1997
Draft EIR and/or EIS - Spring 1997"

The description under "Project Status as of August 1996" is changed as follows:

Project Status as of August 1996: ~~Development of the conceptual~~ Preliminary engineering report is design and field studies are ongoing.

PAGE B-38, "UPDATED WATER SUPPLY MANAGEMENT PROGRAM"

The first bullet under "Project Description" is changed as follows:

- *Conservation and U.S. Bureau of Reclamation....*

The fourth bullet under "Project Description" is changed as follows:

- *Groundwater storage/conjunctive use.* Water would be stored in an overdrafted underground basin...

PAGE B-42, "FOLSOM SOUTH CANAL CONNECTION PROJECT"

The description under "Project Description" is changed as follows:

Project Description: ...The purpose of the project is to take delivery of American River water pursuant to EBMUD's contract with the U.S. Bureau of Reclamation and to provide a connection from the Folsom South Canal near Grant Line Road ~~or from the end of the Folsom South Canal~~ to EBMUD's Mokelumne Aqueducts....

The third and fourth bullets under "Project Description" are changed as follows:

- a pumping plant and storage ~~reservoir~~ facility at the Mokelumne Aqueducts: ~~and~~
- ~~— a connection to Mokelumne Aqueducts 2 and 3.~~

The second full paragraph under "Project Description" is changed as follows:

EBMUD has begun preparing an EIR and preliminary engineering studies for 16 to ~~24~~ 34 miles of 9-foot-diameter buried pipeline....

The description under "Project Schedule" is changed as follows:

Initiation of environmental ~~field~~ studies - Summer 1996

The description under "Project Status as of August 1996" is changed as follows:

Project Status as of August 1996: Environmental studies and preliminary engineering is are ongoing.

PAGE B-116, "RED BANK DAM STUDY"

The description under "Criterion 5..." is changed as follows:

Criterion 5: Will the action be excluded from the CALFED actions? ~~Possibly~~ Under consideration

PAGE B-118, "RED BLUFF DIVERSION DAM FISH PASSAGE PROGRAM"

The description under "Project Description" is changed as follows:

Project Description: ...A research pumping facility was installed in 1993 and 1994 to evaluate potential means of pumping water while dumping water into the canal downstream of the drum screens while utilizing the existing drum screens....

PAGE B-151, "SITES RESERVOIR"

The description under "Criterion 5..." is changed as follows:

Criterion 5: Will the action be excluded from the CALFED actions? ~~Yes~~ Under consideration

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**APPENDIX A. HISTORICAL PERIOD AND AFFECTED
ENVIRONMENT DESCRIPTION PERIOD FOR RESOURCE
CATEGORIES FOR THE
CALFED BAY-DELTA PROGRAM EIR/EIS**

**Final No-Action Alternative and
Cumulative Impact Analysis Screening Report**
(Revised in response to comments received on the September 18, 1996 draft report)

Table 2. Historical Period and Affected Environment Description Period for Resource Categories
for the CALFED Bay-Delta Program EIR/EIS

Resource Category	Historical Period ^a	Affected Environment Description Period
Physical Environment		
Surface Water Hydrology	1920-1995	1920-1995
Surface Water Quality	1920-1995	1920-1995
Groundwater (includes quality, drainage, and subsidence)	1920-1995	1976-1995
Water Supply	1940-1995	1976-1995
Geology and Soils	1850-1995	1995
Air Quality	1967-1995	1986-1995
Biological Environment		
Fisheries	pre-1920s-1995	1986-1995
Vegetation	pre-1920s-1995	1986-1995
Wildlife	pre-1920s-1995	1986-1995
Economics and Social Environment		
Agricultural Land Use	1920-1995	1976-1995
Municipal and Industrial Land Use	1920-1995	1986-1995
Agricultural Economics	1920-1995	1976-1995
Municipal and Industrial Economics	1920-1995	1986-1995
Power Production	1960-1995	1986-1995
Recreation	1940-1995	1986-1995
Fish, Wildlife, and Recreation Economics	1967-1995	1986-1995
Visual Resources	1940-1995	1995
Cultural Resources	pre-1920s	1995
Public Health	1967-1995	1995

^a Based on historical period selected for resource categories for the CVPIA PEIS.

**APPENDIX B. PROJECTS CONSIDERED IN DEVELOPMENT OF
THE NO-ACTION ALTERNATIVE
AND CUMULATIVE IMPACT ANALYSIS**

Project Name: American River Water Resources Investigation

Lead Agency: U.S. Bureau of Reclamation

Project Description: The purpose of the investigation is to develop a water management program to meet the future (2030) needs of the study area. Two alternatives were developed that would have approximately the same water cost. The two programs would require diversions from the Sacramento, American, and Stanislaus Rivers relying on conjunctive use to meet the demands. One alternative includes an Auburn Dam to regulate flows, thus reducing the capacity of the diversions. Selection of a preferred alternative is uncertain.

Project Schedule: Final Planning Report/EIS/EIR is scheduled for release in January 1997. There is no implementation schedule.

Project Status as of August 1996: Draft documents were released February 1, 1996. Comment period closed May 3, 1996.

CALFED No-Action Screening Process

- Criterion 1. Has the action been approved for implementation? No
- Criterion 2. Does the action have funding for implementation? No
- Criterion 3. Does the action have final environmental documentation? No
- Criterion 4. Does the action have final permits and approvals? No
- Criterion 5. Will the action be excluded from the CALFED actions? No
- Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? No

CALFED Cumulative Effects Screening Criteria

- Criterion 1. Is the action under active consideration? Yes
- Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? Yes
- Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Yes

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? Yes

Project Name: Central Valley Project Improvement Act

Lead Agency: U.S. Bureau of Reclamation

Project Description: This legislation was enacted in 1992 to enhance the benefits of the Central Valley Projects by:

- protecting, restoring and enhancing fish, wildlife, and associated habitats in the Central Valley and Trinity River basins of California;
- addressing impacts of the Central Valley Project on fish, wildlife, and associated habitats;
- improving the operational flexibility of the Central Valley Project;
- increasing water-related benefits provided by the Central Valley Project to the State of California through expanded use of voluntary water transfers and improved water conservation;
- contributing to the State of California's interim and long-term efforts to protect the San Francisco Bay/Sacramento-San Joaquin Delta Estuary; and
- achieving a reasonable balance among competing demands for use of Central Valley Project water, including the requirements of fish and wildlife, agricultural, municipal and industrial, and power contractors.

Project Schedule: The draft programmatic environmental impact statement (PEIS) will be available in spring 1997 and the final PEIS will be available the following fall.

Project Status as of August 1996: Cooperating agencies have reviewed the preliminary administrative draft PEIS; revised alternatives are being analyzed.

CALFED No-Action Screening Process

- Criterion 1. Has the action been approved for implementation? Yes (partial)
- Criterion 2. Does the action have funding for implementation? Yes
- Criterion 3. Does the action have final environmental documentation? No
- Criterion 4. Does the action have final permits and approvals? No
- Criterion 5. Will the action be excluded from the CALFED actions? No

Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? Yes (partial)

CALFED Cumulative Effects Screening Criteria

Criterion 1. Is the action under active consideration? Yes

Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? Yes

Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Yes

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? Yes

Project Name: Folsom Reservoir Outlet Shutters

Lead Agency: U.S. Bureau of Reclamation and U.S. Army Corps of Engineers

Project Description: The primary purpose of reconfiguring shutters on Folsom Dam is to provide increased ability to control the temperature of water in the lower American River. Water temperature in the American River is important to multiple life stages of salmonids. Every effort should be made to maintain lower river temperatures throughout the early spawning and entire rearing and outmigration periods of the year. The Corps and USBR would be responsible for Folsom Dam facility modifications and operations. DFG and/or USFWS would monitor and assess water temperatures and their effects on salmonid survival rates.

Project Schedule: Project is planned to be completed by 2000.

Project Status as of August 1996: Studies and design are continuing.

CALFED No-Action Screening Process

- Criterion 1. Has the action been approved for implementation? No; however, approval process is ongoing.
- Criterion 2. Does the action have funding for implementation? No funds have been appropriated. Internal funding is being sought through budget process.
- Criterion 3. Does the action have final environmental documentation? No
- Criterion 4. Does the action have final permits and approvals? No
- Criterion 5. Will the action be excluded from the CALFED actions? No
- Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes. Although the same volume of water will be released, the temperature will be changed.

Include Project in the No-Action Alternative? No

CALFED Cumulative Effects Screening Criteria

- Criterion 1. Is the action under active consideration? Yes
- Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? No
- Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Possibly

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? No

References:

Rod Hall, Environmental Specialist, U.S. Bureau of Reclamation (916) 989-7279.

Project Name: Red Bank Dam Study (Cottonwood)

Lead Agency: California Department of Water Resources

Project Description: This proposed project in Tehama County would involve construction of two dams: Dipping Vat on Red Bank Creek and Schoenfeld on the South Fork of Cottonwood Creek. Gross capacity would be 104,000 acre-feet at Dipping Vat and 250,000 acre-feet at Schoenfeld. Water stored in Dipping Vat Reservoir could be released to Schoenfeld via a tunnel connecting the two reservoirs. The project would provide water supply, flood control, and fisheries benefits.

The California Department of Water Resources conducted preliminary feasibility investigations and prepared cost estimates, but no economic evaluations or environmental studies have been prepared. There is presently no activity on the project aside from monitoring of streamflows.

Project Schedule: The project has been deferred.

Project Status as of August 1996: The project has been deferred.

CALFED No-Action Screening Criteria

Criterion 1. Has the action been approved for implementation? No

Criterion 2. Does the action have funding for implementation? No

Criterion 3. Does the action have final environmental documentation? No

Criterion 4. Does the action have final permits and approvals? No

Criterion 5. Will the action be excluded from the CALFED actions? Under consideration

Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? No

CALFED Cumulative Effects Screening Criteria

Criterion 1. Is the action under active consideration? No

Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? No

Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Possibly

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? No

References:

Ralph Hinton, California Department of Water Resources, August 1996, personal communication.

Project Name: Sites Reservoir

Lead Agency: U.S. Bureau of Reclamation

Project Description: Sites Reservoir was proposed as an offstream pumped storage reservoir along the Tehama-Colusa Canal as part of the West Sacramento Canals Unit. Located on Funks and Stone Creeks upstream of Funks Reservoir, Sites Reservoir would have a gross storage capacity of more than 1.2 million acre-feet and would be created by the Golden Gate and Sites Dams. The reservoir would be used for offstream storage of Sacramento River flows to allow expansion of the Tehama-Colusa Canal service area. The reservoir would inundate Antelope Valley from about 2 miles north of the Glenn-Colusa County line to about 5.5 miles south of the town of Sites, including the town of Sites. The reservoir pumping and power plants would be integrated into the CVP.

Project Schedule: The West Sacramento Canals Unit Reformulation Study was completed in 1981.

Project Status as of August 1996: The project has been deferred.

CALFED No-Action Screening Criteria

Criterion 1. Has the action been approved for implementation? No

Criterion 2. Does the action have funding for implementation? No

Criterion 3. Does the action have final environmental documentation? No

Criterion 4. Does the action have final permits and approvals? No

Criterion 5. Will the action be excluded from the CALFED actions? Under consideration

Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? No

CALFED Cumulative Effects Screening Criteria

Criterion 1. Is the action under active consideration? No

Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? No

Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? No

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? No

References:

U.S. Bureau of Reclamation, West Sacramento Canal Unit Feasibility Studies for Water Supply Development, 1962.

U.S. Bureau of Reclamation, West Sacramento Canal Unit Reformulation Plan, Concluding Report, 1981.

Project Name: Spring Creek Toxicity Program

Lead Agency: U.S. Bureau of Reclamation

Project Description: The project would have raised the existing Spring Creek debris dam by 125 feet to increase the capacity of Spring Creek Reservoir, thereby reducing the number of uncontrolled releases of acid mine drainage into Keswick Reservoir and the Sacramento River during rainfall events.

This project is not likely to continue as a result of public comments received by the Environmental Protection Agency (EPA) on Water Management Feasibility Study, Public Comment, June 1994, which selected enlargement of the Spring Creek dam as the preferred remedial action at the Iron Mountain Mine Superfund site. EPA presented an alternate remedial action in Water Management Feasibility Study Addendum, Public Comment, May 1996, which proposes collection and treatment of acid mine drainage in the Slickrock Creek watershed upstream of Spring Creek rather than enlargement of the Spring Creek debris dam.

Other remedial actions implemented at the site include: copper cementation plants; construction of the Spring Creek debris dam in 1963; the 1980 Memorandum of Understanding between U.S. Bureau of Reclamation, State Water Resources Control Board, and California Department of Fish and Game; a partial cap above Richmond Mine; bypass diversions on Slickrock and Spring Creeks; and year-round collection and treatment of acid mine drainage that emanates from several mine portals.

Project Schedule: The environmental analysis was completed in July 1993. Enlargement of the Spring Creek debris dam is on hold indefinitely. EPA is to respond to public comments on the May 1996 feasibility study addendum by October 1996.

Project Status as of August 1996: The project is ongoing.

CALFED No-Action Screening Criteria

Criterion 1. Has the action been approved for implementation? Yes

Criterion 2. Does the action have funding for implementation? Yes

Criterion 3. Does the action have final environmental documentation? Yes

Criterion 4. Does the action have final permits and approvals? No

Criterion 5. Will the action be excluded from the CALFED actions? Yes

Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? Yes

CALFED Cumulative Effects Screening Criteria

Criterion 1. Is the action under active consideration? Ongoing

Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? Yes

Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Possibly

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? No

References:

U.S. Environmental Protection Agency, Public Comment, Remedial Investigation Report, Boulder Creek Operable Unit, Iron Mountain Mine, May 1992.

U.S. Bureau of Reclamation, Final Draft Iron Mountain Mine, Spring Creek Debris Dam Enlargement Environmental Analysis, July 1993, prepared for the U.S. Environmental Protection Agency.

U.S. Environmental Protection Agency, Water Management Feasibility Study, Public Comment, Iron Mountain Mine, June 1994.

U.S. Environmental Protection Agency, Water Management Feasibility Study Addendum, Public Comment, Iron Mountain Mine, May 1996.

Project Name: Trinity River Restoration Program

Lead Agency: U.S. Bureau of Reclamation

Project Description: Passage of the Trinity River Basin Fish and Wildlife Restoration Act in October 1984 provided for a 10-year program to restore fish and wildlife resources to pre-CVP levels. The program was legislated to continue until 1995 and was reauthorized to continue through September 30, 1998. Major features of the program include construction of Buckhorn Dam and a sediment control facility, modernizing the Trinity River Fish Hatchery, habitat improvement projects in the Trinity River and its tributaries, and watershed stabilization projects to reduce sedimentation of streams. The project is being completed with the assistance of a task force consisting of representatives from 14 federal, State, and county entities and the Hoopa Valley Indian Tribe. Construction of the CVP Trinity River Division facilities resulted in the loss of about 20,000 acres of deer habitat and over 100 miles of salmon and steelhead habitat. The purpose of the program is to restore natural fish populations below the dam. The Trinity River flow study is a component of the restoration program and will be considered in the EIS.

Project Schedule: The restoration program is ongoing.

Project Status as of August 1996: The restoration program is ongoing.

CALFED No-Action Screening Criteria

Criterion 1. Has the action been approved for implementation? Yes

Criterion 2. Does the action have funding for implementation? Yes

Criterion 3. Does the action have final environmental documentation? Yes

Criterion 4. Does the action have final permits and approvals? Yes

Criterion 5. Will the action be excluded from the CALFED actions? Yes

Criterion 6. Would the effects of the action be identifiable at the level of detail being considered for CALFED analysis? Yes

Include Project in the No-Action Alternative? Yes

CALFED Cumulative Effects Screening Criteria

Criterion 1. Is the action under active consideration? Yes

Criterion 2. Does the action have recently completed environmental documentation or are environmental documents in some stage of active completion? Yes

Criterion 3. Would the action be completed and operational within the timeframe being considered for the CALFED Bay-Delta Program (assumed to be 2020)? Possibly

Criterion 4. Does the action, in combination with the CALFED action alternatives, have the potential to affect the same resources? Yes

Include Project in the Cumulative Impact Analysis? No. The project is included in the No-Action Alternative.

References:

Klamath and Trinity River Restoration Initiatives, April 1993.

U.S. Bureau of Reclamation, Status of the Trinity River Restoration Program, August 1990.

Russell Smith, U.S. Bureau of Reclamation, August 15, 1996, personal communication.

U.S. Fish and Wildlife Service, Trinity River Basin Fish and Wildlife Management Program, Final EIS, 1983.

Table 2. Screening of Projects for Inclusion in the No-Action Alternative

Page 1 of 6

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
American River Water Resources Investigation	No	No	No	No	No	Yes	No
American River Watershed Project	Partially	Partially	Yes	Partially	Yes	Yes	No
Anderson-Cottonwood Irrigation District - Fish Passage	No	No	No	No	Yes	No	No
Arroyo Pasajero	No	No	No	No	Yes	No	No
Arvin Edison Water Storage District - Water Storage and Exchange Program	No	No	No	No	NA	NA	No
Auburn Dam and Reservoir	No	No	No	No	Yes	Yes	No
Cache Creek Basin Study (Corps)	Yes	Yes	Yes	Yes	Yes	No	No
Cache Creek Basin Study (U.S. Bureau of Reclamation)	No	No	No	No	Yes	Yes	No
Caliente Creek Feasibility Study	No	No	No	No	Yes	Yes	No
Central Valley Fish and Wildlife Management Study	NA	NA	NA	NA	NA	NA	No
Central Valley Project Improvement Act (partial)	Yes (partial)	Yes	No	No	No	Yes	Yes (partial)
Central Valley Project Operations, Total Water Management Study	NA	NA	NA	NA	NA	NA	No
Clear Creek Improvements	Yes	Partially	No	No	No	Yes	No
Coastal Aqueduct	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Coleman Fish Hatchery Improvements	Partially	Partially	No	No	No	Yes	No
Colusa Basin Study	NA	NA	NA	NA	NA	NA	No
Contra Costa Pumping Plant Modifications	No	No	No	No	No	Yes	No

NA = Not applicable

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C-001155

Table 2. Continued

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
Delta Wetlands Project	No	Yes	No	No	Yes	Yes	No
East Bay Municipal Utility District/East San Joaquin County Parties - Groundwater Banking Project	No	No	No	No	Yes	Yes	No
East Bay Municipal Utility District - Pardee Reservoir Enlargement Project	No	No	No	No	Yes	Yes	No
East Bay Municipal Utility District Updated Water Supply Management Program	Yes	Yes	Yes	NA	Yes	NA	No
Enlarged Cross Valley Canal	No	No	Yes	No	Yes	Yes	No
<u>Folsom Reservoir Outlet Shutters</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
Folsom-South and Lower American River Study	No	No	No	No	Yes	Yes	No
Folsom South Canal Connection Project	No	No	No	No	Yes	Yes	No
Fresno-Clovis Metropolitan Water Resources Master Plan	No	No	No	No	Yes	NA	No
Fresno Metropolitan Water Resources Master Plan	No	No	No	No	Yes	NA	No
Friant Power Plants	No	No	No	No	Yes	No	No
Georgiana Slough Improvements	Yes	No	No	No	No	Yes	No
Geothermal Investigations	No	No	No	No	Yes	No	No
Glenn-Colusa Irrigation District Fish Screen Improvement Project	Yes	Yes	No	No	Yes	No	No

NA = Not applicable

Table 2. Continued

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
Interim Reoperation of Folsom Reservoir (Sacramento Area Flood Control Agency and U.S. Bureau of Reclamation)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Interim South Delta Program	Yes	No	No	No	Probably not	Yes	No
Kaweah River Investigation	No	No	No	No	Yes	No	No
Kellogg Unit Reformulation Study	No	No	No	No	Yes	Yes	No
Kern Water Bank	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Keswick Power Plant Enlargement	No	No	No	No	Yes	No	No
Lake Oroville Enhancement Study	Yes	Yes	Yes	Yes	Yes	No	No
Lake, Yolo, Napa, and Solano Counties Groundwater Study	NA	NA	NA	NA	NA	NA	No
Los Banos Grandes Dam and Reservoir Study	No	No	No	No	No	Yes	No
Los Vaqueros Reservoir Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lower San Joaquin River and Tributaries Levee Improvements	No	No	No	No	Yes	Yes	No
M&T/Parrott Pumping Plant and Fish Screen Project	Yes	Yes	Yes	Yes	No	No	No
Marysville Lake	No	No	No	No	No	No	No
Marysville-Yuba River Levees Study	Yes	Yes	Yes	Yes	Yes	No	No
Merced County Streams Study	Yes	No	Yes	No	Yes	No	No
Metropolitan Water District - Eastside Reservoir Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Metropolitan Water District - Inland Feeder Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NA = Not applicable

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C-001157

Table 2. Continued

Page 4 of 6

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
Mid-Valley Canal (San Joaquin Conveyance Project)	No	No	No	No	Yes	Yes	No
Monterey Agreement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Montezuma Wetlands Project	No	Yes	No	No	Yes	Yes	No
New Melones Conveyance Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes
New Melones Reservoir Resource Management Plan	Yes	No	No	Not needed	Yes	No	No
New Melones Reservoir Water Management Study - Short-Term	No	No	No	No	Yes	Possibly	No
North Delta Water Management Program	No	No	No	No	Yes (partial)	Yes	No
Offstream Storage	No	NA	NA	NA	NA	NA	No
Old River Barrier	No	No	No	No	No	Yes	No
Pine Flat Fish and Wildlife Restoration Project	No	No	No	No	Yes	No	No
Red Bank Dam Study (Cottonwood)	No	No	No	No	<u>Under consideration</u>	Yes	No
Redbank-Fancher Creek Study	Yes	Yes	Yes	Yes	<u>Under consideration</u>	No	No
Red Bluff Diversion Dam Fish Passage Program	No	Yes	No	No	No	No	No
Refuge Water Supply Study	No	No	No	No	Yes	Yes	No
Sacramento Area Water Forum and the Foothill-Forum Water Group - Water Forum	No	No	No	No	Yes	Yes	No
Sacramento Basin Fish Habitat Improvement Study	NA	NA	NA	NA	NA	NA	No

NA = Not applicable

Table 2. Continued

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
Sacramento Municipal Utility District - El Dorado County Water Agency Upper American River Project	No	No	No	No	Yes	Yes	No
Sacramento River Drainage and Seepage Utilization Study	No	No	No	No	Yes	Yes	No
Sacramento River Flood Control System Evaluation (partial)	Yes	Yes	Yes	Yes	Yes	Yes	Yes (partial)
Sacramento-San Joaquin Delta Levees Subvention Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes
San Francisco Bay Area and San Joaquin Valley Water Reuse Project	No	No	No	No	Yes	NA	No
San Francisco - Central California Regional Water Recycling Project	No	No	No	No	Yes	NA	No
San Luis Unit Drainage Plan	No	No	No	No	Yes	Yes	No
Semitropic Water Storage District/Metropolitan Water District - Groundwater Banking Project	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shasta Lake Enlargement	No	No	No	No	Yes	Yes	No
Shasta Temperature Control Device	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sites Reservoir	No	No	No	No	<u>Under consideration</u>	Yes	No
Sonora-Keystone Unit Studies	No	No	No	No	Yes	No	No
South Sacramento Streams Study	No	No	No	No	Yes	No	No
Spring Creek Toxicity Program	Yes	Yes	Yes	No	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
Stanislaus River Basin and Calaveras River Water Use Program	No	No	No	No	<u>Yes</u>	<u>NA</u>	No

NA = Not applicable

Table 2. Continued

Page 6 of 6

Project Name	Criterion 1: Has the Action Been Approved for Implementation?	Criterion 2: Does the Action Have Funding for Implementation?	Criterion 3: Does the Action Have Final Environmental Documents?	Criterion 4: Does the Action Have Final Environmental Permits/ Approvals?	Criterion 5: Will the Action Be Excluded from the CALFED Actions?	Criterion 6: Would the Effects of the Action Be Identifiable at the Level of Detail Being Considered for CALFED Analysis?	Incorporate into No-Action Alternative?
Stone Lakes National Wildlife Refuge	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Suisun Marsh Protection Plan	No	No	No	No	No	Yes, for Phases I and II	No
Tracy Pumping Plant Improvements	Yes	Yes (<u>partial</u>)	No	No	<u>No</u>	Yes	No
Trinity River Restoration Program	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Upper Sacramento River Fisheries and Riparian Habitat Study	Partially	Partially	No	No	No	Yes	No
Watsonville (Pajaro Valley Basin) Management Plan	No	No	No	No	Yes	Yes	No
West Delta Water Management Program	No	No	No	No	No	Yes	No
West Sacramento Project	Yes	Yes	Yes	Yes	Yes	No	No
Western Energy Expansion Study	NA	NA	NA	NA	NA	NA	No
Western Sacramento Canals Unit	No	No	No	No	Yes	<u>Yes</u>	No
Westlands Water District - Conveyance of Nonproject Groundwater Using the California Aqueduct	No	No	No	No	Yes	Yes	No
Westlands Water District - Conveyance of Nonproject Groundwater from the Mendota Pool Area Using the California Aqueduct	No	No	No	No	Yes	Yes	No
Whiskeytown Power Plant	No	No	No	No	Yes	No	No
Wind-Hydro Opportunities Study	NA	NA	NA	NA	NA	NA	No
Yolo Bypass Westside Tributaries Study	No	No	No	No	<u>Possibly</u>	No	No

NA = Not applicable

Table 3. Screening of Projects for Inclusion in the Cumulative Impact Analysis

Page 1 of 6

Project Name	Criterion 1: Is the Action under Active Consideration?	Criterion 2: Does the Action Have Recently Completed or Active Environmental Documentation?	Criterion 3: Would the Action Be Completed within the Timeframe Being Considered for Program?	Criterion 4: Does the Action, in Combination with the CALFED Alternatives, Have the Potential to Affect the Same Resources?	Include in the Cumulative Impact Analysis?
American River Water Resources Investigation	Yes	Yes	Yes	Yes	Yes
American River Watershed Project	Yes (partial)	Yes	Yes	Yes	Yes
Anderson-Cottonwood Irrigation District - Fish Passage	No	No	Possibly	Yes	No
Arroyo Pasajero	Yes	Yes	Possibly	No	No
Arvin Edison Water Storage District - Water Storage and Exchange Program	No	No	No	Yes	No
Auburn Dam and Reservoir	No	No	Possibly	Yes	No
Cache Creek Basin Study (Corps)	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>No</u>
Cache Creek Basin Study (U.S. Bureau of Reclamation)	No	No	No	Yes	No
Caliente Creek Feasibility Study	No	No	No	Yes	No
Central Valley Fish and Wildlife Management Study	NA	NA	NA	NA	No
Central Valley Project Improvement Act (partial)	Yes	Yes	Yes	Yes	Yes
Central Valley Project Operations, Total Water Management Study	NA	NA	NA	NA	No
Clear Creek Improvements	Yes	No	Possibly	<u>No</u>	No
Coleman Fish Hatchery Improvements	Yes	No	Possibly	Yes	No
Colusa Basin Study	NA	NA	NA	NA	No
Contra Costa Pumping Plant Modifications	Yes	Yes	Yes	Yes	Yes
Delta Wetlands Project	Yes	Yes	Yes	Yes	Yes

NA = Not Applicable

Table 3. Continued

Project Name	Criterion 1: Is the Action under Active Consideration?	Criterion 2: Does the Action Have Recently Completed or Active Environmental Documentation?	Criterion 3: Would the Action Be Completed within the Timeframe Being Considered for Program?	Criterion 4: Does the Action, in Combination with the CALFED Alternatives, Have the Potential to Affect the Same Resources?	Include in the Cumulative Impact Analysis?
East Bay Municipal Utility District/East San Joaquin County Parties - Groundwater Banking Project	Yes	No	Possibly	Yes	No
East Bay Municipal Utility District - Pardee Reservoir Enlargement Project	Yes	Yes	Yes	Yes	Yes
East Bay Municipal Utility District Updated Water Supply Management Program	No	No	No	Yes	No
Enlarged Cross Valley Canal	No	No	No	Yes	No
<u>Folsom Reservoir Outlet Shutters</u>	<u>Yes</u>	<u>No</u>	<u>Possibly</u>	<u>Yes</u>	<u>No</u>
Folsom South Canal Connection Project	Yes	Yes	Yes	Yes	Yes
Folsom-South and Lower American River Study	No	No	No	Yes	No
Fresno-Clovis Metropolitan Water Resources Master Plan	No	No	No	Yes	No
Fresno Metropolitan Water Resources Master Plan	Yes	No	Possibly	Yes	No
Friant Power Plants	No	No	No	No	No
Georgiana Slough Improvements	Yes	No	Possibly	Yes	No
Geothermal Investigations	No	No	No	No	No
Glenn-Colusa Irrigation District Fish Screen Improvement Project	Yes	<u>No</u>	<u>Yes</u>	Yes	No
Interim South Delta Program	Yes	Yes	Possibly	Yes	Yes
Kaweah River Investigation	Yes	No	Possibly	Yes	No
Kellogg Unit Reformulation Study	No	Yes	No	Yes	No
Keswick Power Plant Enlargement	No	No	No	Yes	No
Lake Oroville Enhancement Study	Yes	Yes	Possibly	Yes	No

NA = Not Applicable

Table 3. Continued

Project Name	Criterion 1: Is the Action under Active Consideration?	Criterion 2: Does the Action Have Recently Completed or Active Environmental Documentation?	Criterion 3: Would the Action Be Completed within the Timeframe Being Considered for Program?	Criterion 4: Does the Action, in Combination with the CALFED Alternatives, Have the Potential to Affect the Same Resources?	Include in the Cumulative Impact Analysis?
Lake, Yolo, Napa, and Solano Counties Groundwater Study	No	No	No	Yes	No
Los Banos Grandes Dam and Reservoir Study	Yes	Yes	Possibly	Yes	No
Lower San Joaquin River and Tributaries Levee Improvements	No	No	No	Yes	No
M&T/Parrott Pumping Plant and Fish Screen Project	Yes	Yes	Yes	Yes	No
Marysville Lake	No	No	No	Yes	No
Marysville-Yuba River Levees Study	Yes	Yes	Yes	Yes	No
Merced County Streams Study	Yes	Yes	Possibly	Yes	No
Mid-Valley Canal (San Joaquin Conveyance Project)	No	No	No	Yes	No
New Melones Conveyance Project	Yes	Yes	Yes	Yes	No
New Melones Reservoir Resource Management Plan	Yes	Yes	No	Yes	No
New Melones Reservoir Water Management Study - Short-Term	No	No	Possibly	Yes	No
North Delta Water Management Program	No	No	No	Yes	No
Offstream Storage	NA	No	No	Yes	No
Old River Barrier	Yes	No	Possibly	Yes	No
Pine Flat Fish and Wildlife Restoration Project	Yes	No	Possibly	Yes	No
Red Bank Dam Study (Cottonwood)	No	No	Possibly	Yes	No
Redbank-Fancher Creek Study	NA	NA	NA	NA	NA
Red Bluff Diversion Dam Fish Passage Program	Yes	No	Yes	Yes	Yes

NA = Not Applicable

Table 3. Continued

Project Name	Criterion 1: Is the Action under Active Consideration?	Criterion 2: Does the Action Have Recently Completed or Active Environmental Documentation?	Criterion 3: Would the Action Be Completed within the Timeframe Being Considered for Program?	Criterion 4: Does the Action, in Combination with the CALFED Alternatives, Have the Potential to Affect the Same Resources?	Include in the Cumulative Impact Analysis?
Refuge Water Supply Study	Yes	Yes	Yes	Yes	Yes
Sacramento Area Water Forum and the Foothill-Forum Water Group - Water Forum	Yes	Yes	Possibly	Yes	Yes
Sacramento Basin Fish Habitat Improvement Study	Yes	No	Possibly	Yes	No
Sacramento Municipal Utility District-El Dorado County Water Agency Upper American River Project	No	No	No	Possibly	No
Sacramento River Drainage and Seepage Utilization Study	No	No	No	Yes	No
Sacramento River Flood Control System Evaluation	Yes	Yes	Yes	Yes	Yes (partial)
San Francisco Bay Area and San Joaquin Valley Water Reuse Project	No	No	No	Yes	No
San Francisco - Central California Regional Water Recycling Project	Yes	No	Possibly	Yes	No
San Luis Unit Drainage Plan	No	Yes	No	Yes	No
Shasta Lake Enlargement	No	No	No	Yes	No
Sites Reservoir	No	No	No	Yes	No
Sonora-Keystone Unit Studies	No	No	No	No	No
South Sacramento Streams Study	Yes	No	Possibly	Yes	No
Stanislaus River Basin and Calaveras River Water Use Program	NA	<u>Yes</u>	<u>No</u>	<u>Yes</u>	No
Suisun Marsh Protection Plan	Yes	No	Possibly	Yes	No
Tracy Pumping Plant Improvements	Yes	No	Yes	Yes	<u>Yes</u>
Upper Sacramento River Fisheries and Riparian Habitat Study	Yes	No	Yes	Yes	No

NA = Not Applicable

Table 3. Continued

Project Name	Criterion 1: Is the Action under Active Consideration?	Criterion 2: Does the Action Have Recently Completed or Active Environmental Documentation?	Criterion 3: Would the Action Be Completed within the Timeframe Being Considered for Program?	Criterion 4: Does the Action, in Combination with the CALFED Alternatives, Have the Potential to Affect the Same Resources?	Include in the Cumulative Impact Analysis?
Upper Sacramento River Fisheries and Riparian Habitat Study	Yes	No	Yes	Yes	No
Watsonville (Pajaro Valley Basin) Management Plan	Yes	No	Possibly	Yes	<u>Yes</u>
West Delta Water Management Program	Yes	Yes	Possibly	Yes	No
West Sacramento Project	Yes	Yes	Yes	Yes	No
<u>Western Energy Expansion Unit</u>	<u>NA</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>
Western Sacramento Canals Unit	No	No	No	Yes	No
Westlands Water District - Conveyance of Nonproject Groundwater from the Mendota Pool Area Using the California Aqueduct	Yes	Yes	Possibly	Yes	No
Westlands Water District - Conveyance of Nonproject Groundwater Using the California Aqueduct	Yes	No	Possibly	Yes	No
Whiskeytown Power Plant	No	No	No	Yes	No
<u>Wind-Hydro Opportunities Study</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>
<u>Yolo Bypass Westside Tributary Study</u>	<u>Yes</u>	<u>No</u>	<u>Possibly</u>	<u>Yes</u>	<u>No</u>

NA = Not Applicable

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